



Vendor Enrollment Web Services Specifications & Field Definitions

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Disclaimer

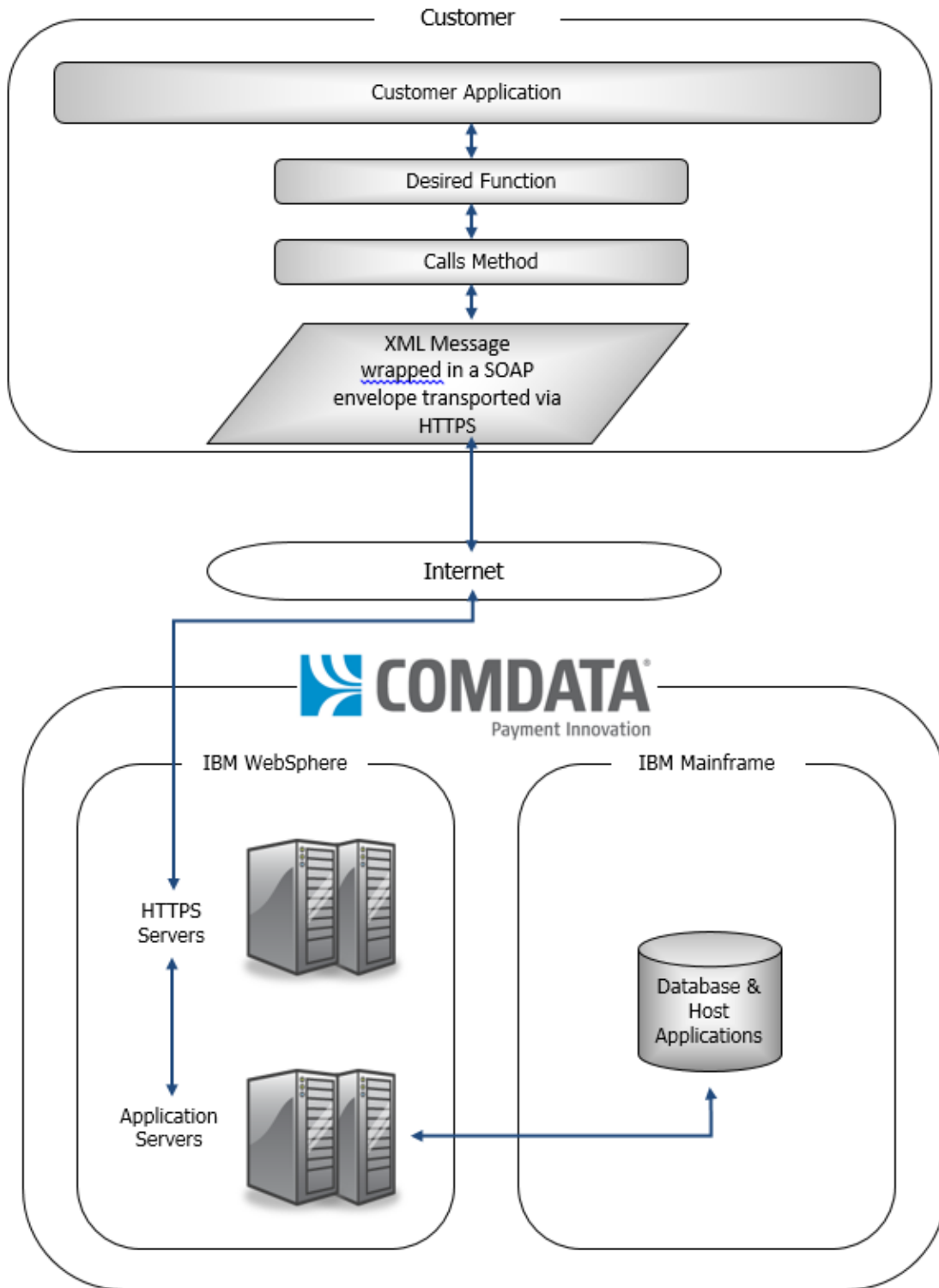
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Comdata Vendor Enrollment Web Services Overview

Comdata Web Services Architecture



Comdata Vendor Enrollment Web Services Security

The Comdata Vendor Enrollment web services are protected by both SSL secure connection and an authentication system to ensure that only authorized users may utilize these services.

- Secure Socket Layer (SSL) Data Transport – All data must be transported utilizing Secure Hyper Text Transport Protocol (HTTPS) which relies on the Secure Socket Layer (SSL) data communications protocol.
- WS-Security Basic Authentication – WS-Security is utilized to authenticate front-end access to web services. Comdata will provide authentication credentials, Username and Password values, which must be included in the WS-Security UsernameToken portion of the SOAP header.

- Here is a sample request header:

```
<soapenv:Header>
  <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
    <wsse:UsernameToken wsu:Id="UsernameToken-3" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsse:Username>ICD2NOIG4</wsse:Username>
      <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">XXXXXXXXXX</wsse:Password>
      <wsu:Created>2011-07-20T23:06:08.083Z</wsu:Created>
    </wsse:UsernameToken>
  </wsse:Security>
</soapenv:Header>
```

Comdata Vendor Enrollment Web Services Endpoint and WSDL

Certification Environment

Endpoint: <https://w8cert.icconnectdata.com/CEWS>

WSDL: <https://w8cert.icconnectdata.com/CEWS/CEWS.wsdl>

Production Environment

Endpoint: <https://w6.icconnectdata.com/CEWS>

WSDL: <https://w6.icconnectdata.com/CEWS/CEWS.wsdl>

Comdata Vendor Enrollment Web Services General Requirements

- All alphabetical characters in element values should be in upper case.
- The SOAP implementation in websphere 8.5 is compliant with the WS-I Basic Profile 1.0, which requires that all application-specific elements in the body must be namespace qualified to avoid name collision.
- In the event that a host response code/response message is not descriptive enough, please contact your Comdata Representative for a greater explanation.
- SOAP Fault Elements are utilized to communicate fault error and/or fault status information.

Comdata Virtual Card Web Services Functional Overview

Card Based Functions		Relevant Card Type		
Function	Web Service Method	Comdata Proprietary Cards	Comdata MasterCard (physical & ghost)	Comdata Virtual MasterCard
Add Vendors for Campaign	addVendorsForCampaign	✓		✓
Get Vendors Invoices for Campaign	addVendorInvoicesForCampaign			✓

Add Vendors For Campaign

The Add Vendors for Campaign function is used to add vendors for Comdata to campaign virtual payments as a preferred payment method.

Function:	Add Vendors
Web Service Method:	addVendorsForCampaign
Applicable Card Type:	Comdata Virtual MasterCard, Comdata Proprietary Cards
Other Notes:	You can add 1-50 vendors per request

Request Record – Add Vendors for Campaign

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Req</i>	<i>Comment / Example Value</i>
<main:addVendorsForCampaignRequest>				
<vendors>				
custId	xsd:string	5	Y	Comdata-assigned Customer ID (4-digit customer IDs will include a leading zero)
vendorNumber	xsd:string	30	Y	Vendor Number (Supplier Code)
locationCode	xsd:string	25	N	Vendor Sub Number (Location Code)
vendorName	xsd:string	40	Y	Vendor Name
dbaName	xsd:string	40	N	Vendor DBA Name
remitEmail	xsd:string	50	N	Vendor Email Address (the email address where the vendor accepts emailed remittance advices, if known)
taxId	xsd:string	9	N	Vendor Tax ID (recommended for supplier support)
dunsNumber	xsd:string	15	N	Vendor DUNS (Dun & Bradstreet) Number
projectedAnnualSpend	xsd:string	15	N	Vendor Projected Annual Spend
address1	xsd:string	50	N	First line of the address
address2	xsd:string	50	N	Second line of the address
city	xsd:string	40	Y	Address City
state	xsd:string	5	Y	Address State
zip	xsd:string	10	Y	Address ZIP code
countryCode	xsd:string	10	N	Vendor's 3-digit alphanumeric country code, default "USA"
vendorContactTitle	xsd:string	20	N	Vendor Contact Title
vendorContactPrefix	xsd:string	20	N	Vendor Contact Prefix
vendorContactSuffix	xsd:string	20	N	Vendor Contact Suffix
vendorContactFirstName	xsd:string	30	N	Vendor Contact First Name
vendorContactLastName	xsd:string	30	N	Vendor Contact Last name
vendorContactEmailAddress	xsd:string	50	N	Vendor Contact Email Address
vendorContactPhoneNumber	xsd:string	10	N	Vendor Contact Phone Number

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Req</i>	<i>Comment / Example Value</i>
terms	xsd:string	500	N	Vendor Terms
transactionCount	xsd:string	500	N	Vendor Transaction Count
currentPaymentMethod	xsd:string	50	N	Vendor Current Payment Method (CHECK, ACH, CREDIT CARD, WIRE, EFT (Electronic Funds Transfer), OTHER)
</vendors>				
<params>				
paramName	xsd:string		N	These are where future fields will go when needed
paramValue	xsd:string		N	These are where future fields will go when needed
</params>				
</main:addVendorsForCampaignRequest>				

Response Record - Add Vendors For Campaign

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Req</i>	<i>Comment / Example Value</i>
<response>				
<vendors>				
status	xsd:string	20		Success or Failure
custID	xsd:string	5-10		Comdata-assigned Customer ID (4-digit customer IDs will include a leading zero)
requestUID	xsd:string	40		User ID of the request/response
errorCode	xsd:string	6		Displays only if the status is a failure. See Error Table for possible error codes. Note: Applies only if the entire request fails
errorMessage	xsd:string	80		Displays only if the status is a failure. See Error Table for possible error messages. Note: Applies only if the entire request fails
vendorNumber	xsd:string	30	Y	Vendor Number (Supplier Code)
locationCode	xsd:string	25	N	Vendor Sub Number (Location Code)
vendorName	xsd:string	40	Y	Vendor Name
dbaName	xsd:string	40	N	Vendor DBA (database administrator) name
remitEmail	xsd:string	50	N	Vendor Remittance Email (the email address where the vendor accepts emailed remittance advices, if known)
taxId	xsd:string	9	N	Vendor tax ID
dunsNumber	xsd:string	15	N	Vendor DUNS (Dun & Bradstreet) Number
projectedAnnualSpend	xsd:string	15	N	Vendor's projected spend for the year
address1	xsd:string	50	N	First line for the vendor's address
address2	xsd:string	50	N	Second line for the vendor's address
city	xsd:string	40	Y	Vendor's city
state	xsd:string	5	Y	Vendor's state

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Req</i>	<i>Comment / Example Value</i>
zip	xsd:string	10	Y	Vendor's ZIP code
countryCode	xsd:string	10	N	Vendor's 3-digit alphanumeric country code, default "USA"
vendorContactTitle	xsd:string	20	N	Vendor Contact Title
vendorContactPrefix	xsd:string	20	N	Vendor Contact Prefix
vendorContactSuffix	xsd:string	20	N	Vendor Contact Suffix
vendorContactFirstName	xsd:string	30	N	Vendor Contact First Name
vendorContactLastName	xsd:string	30	N	Vendor Contact Last Name
vendorContactEmailAddress	xsd:string	50	N	Vendor Contact Email Address
vendorContactPhoneNumber	xsd:string	10	N	Vendor Contact Phone Number
terms	xsd:string	500	N	Vendor Terms
transactionCount	xsd:string	500	N	Vendor's transaction count
currentPaymentMethod	xsd:string	50	N	Vendor's current payment method (CHECK, ACH, CREDIT CARD, WIRE, EFT (electronic funds transfer), OTHER)
responseCode	xsd:string	6	N	00000 if successful, anything else is an error. See the Error Table for possible error codes. Note: Applies to only individual elements, i.e., invoices, vendors, etc.
responseMessage	xsd:string	80	N	"Successful" if 00000 in response code, anything else is an error. See the Error Table for possible error codes. Note: Applies to only individual elements, i.e., invoices, vendors, etc.
</vendors>				
</response>				

Add Vendor Invoices for Campaign

The Add Vendor Invoices for Campaign function is used to add vendor invoices for Comdata to campaign virtual payments as a preferred payment method.

Function:	Add Vendor Invoices
Web Service Method:	addVendorInvoicesForCampaign
Applicable Card Type:	
Other Notes:	1-50 invoices per request

Request Record – Add Vendor Invoices for Campaign

<main:addVendorInvoicesForCampaignRequest>				
<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Req</i>	<i>Comment / Example Value</i>
custId	xsd:string	5	Y	Comdata-assigned Customer ID (4-digit customer IDs will include a leading zero)
vendorNumber	xsd:string	15	Y	Vendor Number (Supplier Code)
locationCode	xsd:string	25	N	Vendor Sub Number (Location Code)
<invoices>				
invoiceNumber	xsd:string	25	Y	Invoice Number
invoiceDate	xsd:string	10	Y	Invoice Date (YYYY-MM-DD)
invAmt	xsd:decimal	10	Y	Net Amount: 9999999v99
</invoices>				
</main:addVendorInvoicesForCampaignRequest>				

Response Record – Add Vendor Invoices For Campaign

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<response>			
status	xsd:string	20	Success or Failure
requestUID	xsd:string	40	User ID of the request/response
errorCode	xsd:string	6	Displays only if the status is a failure. See Error Table for possible error codes. Note: Applies only if the entire request fails
errorMessage	xsd:string	80	Displays only if the status is a failure. See Error Table for possible error messages. Note: Applies only if the entire request fails
custID	xsd:string	5	Comdata-assigned Customer ID (4-digit customer IDs will include a leading zero)
vendorNumber	xsd:string	30	Vendor Number (Supplier Code)
locationCode	xsd:string	25	Vendor Sub Number (Location Code)
<invoices>			

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
invoiceNumber	xsd:string	25	Invoice number
invoiceDate	xsd:string	10	Date of the invoice (YYYY-MM-DD)
invoiceAmount	xsd:string	10	Net amount: 9999999v99
responseCode	xsd:string	6	00000 if successful, anything else is an error. See the Error Table for possible error codes. Note: Applies to only individual elements, i.e., invoices, vendors, etc.
responseMessage	xsd:string	80	"Successful" if 00000 in response code, anything else is an error. See the Error Table for possible error codes. Note: Applies to only individual elements, i.e., invoices, vendors, etc.
</invoices>			
</response>			

Appendix A. - Error Messages

<i>Error Code</i>	<i>Error Message</i>	<i>Error Description</i>
01196	Message Format Error	This error will result if the message received by the API is not following the specification.
01241	Invoice amount is larger than supported	This error will result if the invoice amount is less than 10 characters.
01242	InvoiceNumber is longer than max supported length	This error will result if the invoice number is less than 25 characters.
01243	Cust Id and Vendor Number are required	This error will result if the custId and/or vendorNumber tags are missing from the request.
01244	Custid is longer than max supported length	This error will result if a cust ID is less than 5 characters.
01249	No vendor exists for invoices	This error will result if the vendor submitted in the request does not exist.
01253	Invoice number is required to add an invoice	This error will result if the invoice number is not submitted in the request.
03001	Format Error	This error will result if any of the submitted data elements are formatted incorrectly.
03003	Required Tag	This error will result if any required tag is missing from the request.
06298	Request was not authorized for customer	This error will result if the user ID doesn't have access to the submitted Customer ID.
444444	Vendor add operation failed	This error will result if the vendor was not added in the Add Vendor For Campaign request
999999	System Error - Contact Comdata	Please contact Comdata to resolve this issue.